LE PETOMANE XXVII, INC., NOT INDIVIDUALLY BUT SOLELY AS ENVIRONMENTAL RESPONSE TRUST TRUSTEE

MAY 3, 2017 QUARTERLY STAKEHOLDERS CALL



Trust Financial Update	2
GWETS	7
Continuous Optimization Program	11
GWETS/NET	24
AP-5 Project Status	27
SNWA Weir Dewatering Treatment	34
2017 Stakeholder Technical Roundtables	36
2017 Community Meeting	38
MWD Questions	40



TRUST FINANCIAL UPDATE



FINANCIAL UPDATE

	ADMINISTRATIVE ACCOUNTS			ENVIRONMENTAL ACCOUNTS			
Initial Funding	\$	8,602,853		\$	72,419,165		
Anadarko Proceeds (100% of Tax Reserve)	\$	56,642,877		\$	1,076,214,658		
Account Balances (As of March 31, 2017)	\$	59,416,661	91.1%	\$	1,097,223,698	95.5%	
Cash	\$	2,302,157	3.9%	\$	35,847,976	3.3%	
U.S. Obligations	\$	36,350,000	61.2%	\$	684,940,000	62.4%	
Corporate Bonds	\$	8,450,000	14.2%	\$	142,408,000	13.0%	
Equities	\$	12,314,504	20.7%	\$	234,027,722	21.3%	
Distribution (Northern Trust / US Bank)		2.4 % / 97.6 %			0.1 % / 99.9 %		

April NERT holdings report to be issued to NERT Stakeholders 5/20/17

	TRUST	LAIN	IS SUMMARY		
AIG BMI Claims	\$ 4,265,831		DOD Demands (-2015)	\$ 11,050,380	
AIG BMI Recovery	\$ 3,999,011	94%	DOD Recovery (-2015)	\$ 6,969,760	63%



FINANCIAL UPDATE

	ADI	MINISTRATIVE ACC	COUNTS	ENVIRONMENTAL ACCOUNTS		
REALIZED GAINS/(LOSSES)						
Current YTD	\$	82,942	29.2%	\$	1,576,412	29.2%
Since Inception	\$	114,701	8.8%	\$	2,175,335	8.8%
UNREALIZED GAINS/(LOSSES)						
Current YTD	\$	327,554	2.7%	\$	6,222,938	2.7%
Since Inception	\$	1,209,749	10.9%	\$	22,973,247	10.9%
onice inception	ş	1,209,749	10.376	Ş	22,3/3,24/	10.:

Reflects assets held at US Bank. Inception defined as the start date of US Bank's role as Investment Manager (4/1/16).



FINANCIAL UPDATE

	AJDIVII	NISTRATIVE ACCOUNTS	ENV	ENVIRONMENTAL ACCOUNTS		
INTEREST INCOME						
Current YTD	\$	132,178	\$	2,663,982		
Since Inception	\$	592,030	\$	10,742,629		
DIVIDEND INCOME						
DIVIDEND INCOME Current YTD	\$	94,274	\$	1,791,475		

Reflects assets held at US Bank. Inception defined as the start date of US Bank's role as Investment Manager (4/1/16).



FINANCIAL UPDATE

NERT Portfolio Market Value and Projected Investment Program Net Income

	W.	ARKET VALUE (3/31/2017)	ANN	ANNUAL DIVIDEND/INTEREST		
FIXED INCOME						
Cash	\$	33,370,187	\$	162,533		
T-Bills, Bonds & Debt	\$	872,877,471	\$	13,501,757		
EQUITIES						
US Equities and REITS	\$	246,342,226	\$	6,479,660		
TOTAL ASSETS & EARNINGS	\$	1,152,589,884	\$	20,143,950		
US Bank Fees			\$	653,297		
ACG Fees			\$	160,000		
PROJECTED NET ANNUAL INCOME			\$	19,330,653		

Preliminary projection based upon current market conditions; Subject to change.



GWETS



GWETS

Facility Status

GWETS COMPONENT	STATUS			
Extraction Wells	Condition Normal	Average total extraction rate at 1140 gpm		
Lift Stations / Pipelines	Condition Normal	Pipeline improvements planned for 2017		
GW-11 : Volume	45.79 MG ~11.5 days available	Desired available volume > 18 days		
Chromium Treatment Plant	Condition Normal	Accepting 73 gpm from IWF and AP Area Extraction Wells		
Biological Treatment Plant	Condition Normal	Rehabilitation of FBRs complete		
Ion Exchange Treatment Plant	Condition Normal	Accepting 250 gpm of 675 gpm generated from SWF		

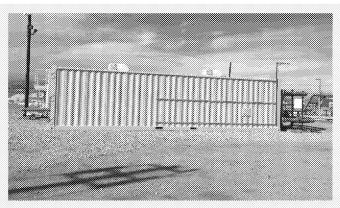


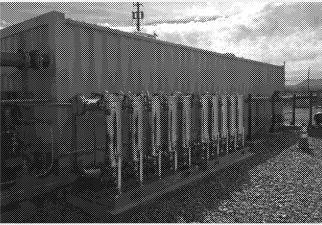
GM/ETS

IX Treatment System

Construction of the Ion Exchange (IX) Treatment System was completed in 2016

- IX can handle all SWF flow if needed (IX capacity is 1,000 gpm)
- Currently treating flows from PC-118, PC-119, PC-120, PC-121, and PC-133 (~250 gpm)



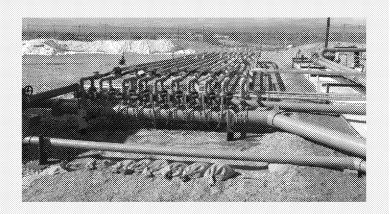


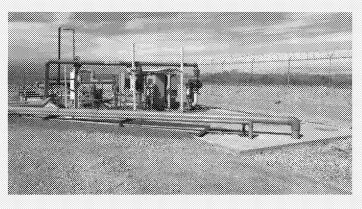
GMETS

IX Treatment System

Construction of the IX Treatment System was completed in 2016

- New manifold system within Lift
 Station 1 multiple treatment
 options
- Lift Station 1 secondary containment structures were enhanced





CONTINUOUS OPTIMIZATION PROGRAM

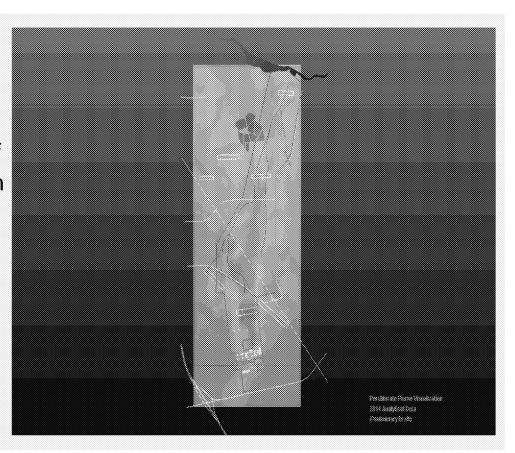


CONTINUOUS OPTIMIZATION PROGRAM

2015 COP Evaluations

Lessons Learned from 2015 COP Activities:

- Geology very complex
- Highest concentrations of perchlorate are present in finer grained sediments adjacent to the paleochannels
- Paleochannels have been flushed for over 14 years since the inception of offsite groundwater extraction

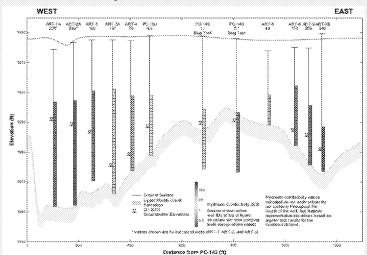


CONTINUOUS OPTIMIZATION PROGRAM

2015 COP Evaluations

Lessons Learned from 2015 COP Activities:

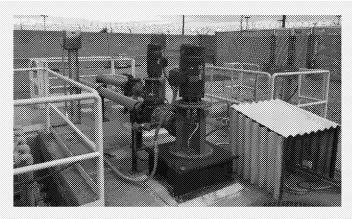
- Pumping at the AWF and SWF can be increased but infrastructure improvements are required
- Perchlorate mass flux at the SWF can be reduced by capturing higher concentrations of perchlorate in groundwater adjacent to PC-94
- Additional groundwater extraction rate increases at the IWF can not be accomplished without implementation of a long-term soil flushing program
- The effluent pipeline should have excess capacity but unknown factors are restricting flow



AWF Improvements

Infrastructure improvements were designed and constructed to facilitate optimization of the AWF

- New well pumps in ART-8 and ART-9 resulted in an increase of 80 gpm across the AWF
- Installation of Variable Frequency Drives (VFDs) for most wells in western flank of AWF allowed for greater control
- Installation of vertical turbine pumps at Lift Station 3 increased the pumping capacity to 500 gpm

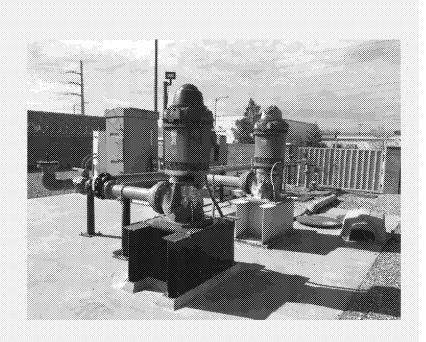




AWF Improvements

Infrastructure improvements were designed and constructed to facilitate optimization of the AWF

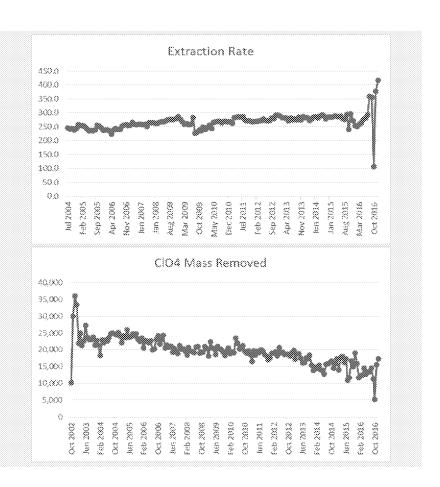
New backup vertical turbine pump at Lift Station 2 to replace existing under-sized submersible pump and ensure uninterrupted conveyance of water from AWF and SWF



AWF Optimization

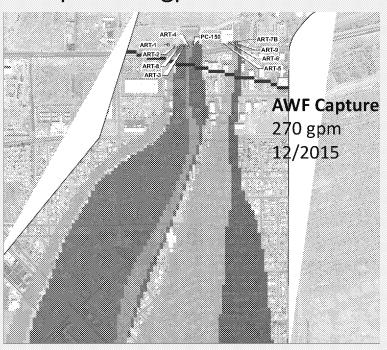
Optimization of the AWF has resulted in an increase in the extraction rate up to 420 gpm

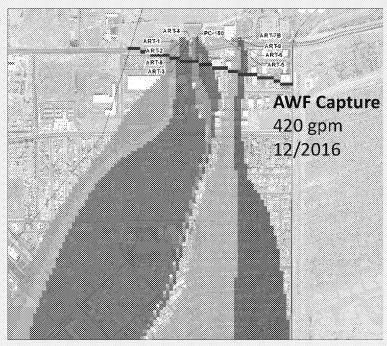
- Increased flow rates in ART-2, ART-8, and ART-9
- Reactivated ART-1
- 48% improvement (135 gpm) from December 2015
- December perchlorate mass removal increased to 17,320 lbs. – only exceeded 5 times over the last 36 months



AWF Optimization

Optimization of the AWF has resulted in an increase in the extraction rate up to 420 gpm



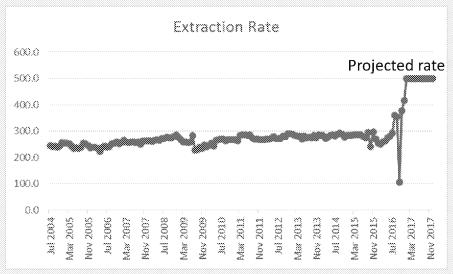


Program Highlights

- Complete additional optimization at the AWF and SWF
- Measure the performance of the COP based on the total pounds of perchlorate removed from the environment per year (compared to a goal of 400,000 lbs./year of perchlorate)

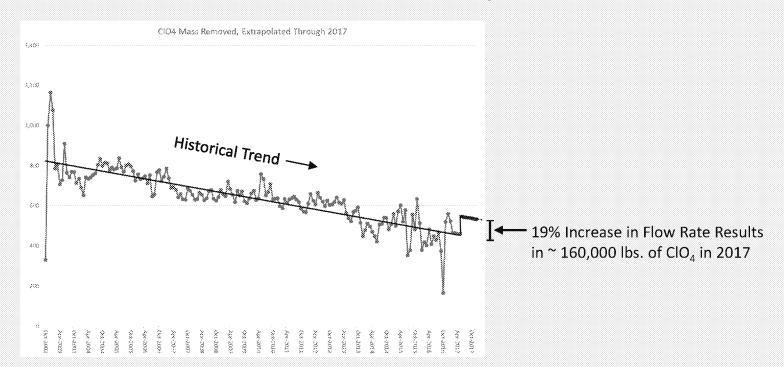
AWF Optimization

- Install larger pumps in ART-2 and ART-8 targeting 40 gpm increase in each well
- Increase the AWF extraction rate to approximately 500 gpm (78% improvement over the 2015 average extraction rate)



AWF Optimization

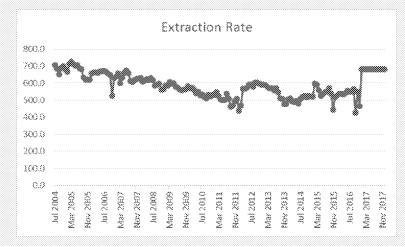
Contribution to 2017 COP ~ 160,000 lbs. of perchlorate

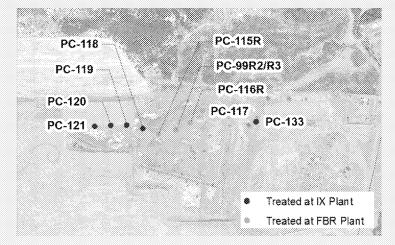




SWF Optimization

- As approved by NDEP, NERT reactivated extraction wells PC-120 and PC-121
- Established sustainable extraction rates (90 and 40 gpm, respectively)
- IX Treatment of PC-118, PC-119, PC-120, PC-121, and PC-133

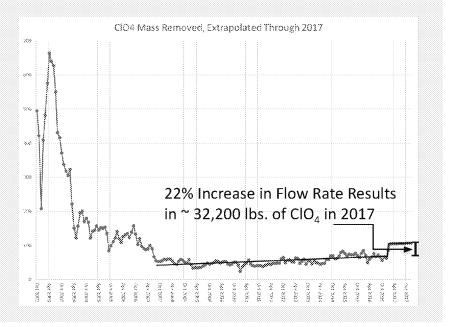




SWF Optimization

Benefits

- Increases the capture zone and the amount of perchlorate removed from the environment, reduces flux to LVW
- Highest pumping rate since 2004
- Near-term reduction of loading to the LVW
- Contribution to 2017 COP ~32,200 lbs. of perchlorate



2017 COP Goals

- IWF Operations 190,000 lbs. of perchlorate
- > AWF Optimization 160,000 lbs. of perchlorate
- > SWF Optimization 32,200 lbs. of perchlorate
- AP Area Soil Flushing Treatability Study 13,100 lbs. of perchlorate
- SWF Area Groundwater Bioremediation Treatability Study 700 lbs. of perchlorate
- Vacuum Enhanced Recovery Treatability Study 4,000 lbs. of perchlorate

2017 COP Goal – 400,000 lbs. of perchlorate 2016 Actual – 369,298 lbs. of perchlorate

GWETS/NET

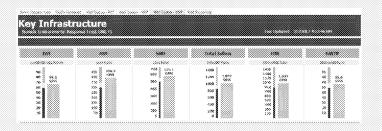


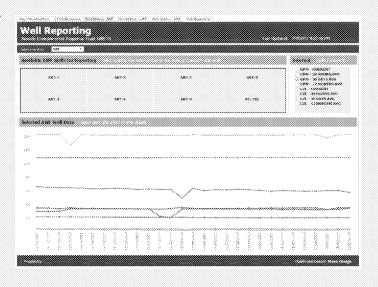
GMais/Nat

GWETS/NET

GWETS/NET went live in December 2016 to provide remote monitoring of the GWETS

- Dramatically increased the visibility of operational data in near-real time
- Dashboard provides high level view of system status
- Well field optimization can be performed efficiently using the Well Status and Well Reporting features
- Perchlorate and chromium mass removal by month available for 2016





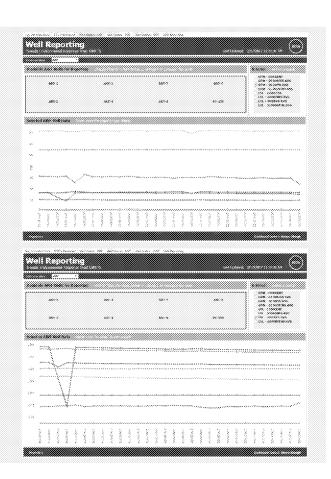


GWats/Nat

GWETS/NET

GWETS/NET increases NERT's ability to optimize the well field extraction rates

- Instantly verify extraction rate of each well field and the effluent discharge rates
- Well field optimization can be quickly evaluated using the pumping rate and water elevation graphing functions
- Quickly evaluate perchlorate and chromium mass removal by month by well field





Summary

- Phase 2 Plant construction,
 pond content transfer to tanks,
 and equipment decontamination
- Phase 3 Interim mixing in process tanks
- Phase 4a Sediment washing and separation of liquids for treatment
- Phase 4b Treatment of liquids
- Phase 5 Physical closure of pond



Phase 2 Progress

Plant Construction:

- Constructed lined process area with secondary containment
- Constructed three 600,000
 gallon stainless steel process
 tanks and performed
 hydrostatic testing
- Installed 40-HP vertical shaft turbine mixers in each process tank



APAS PROJECTI STATUS

Phase 2 Progress

- Plant Construction (continued):
 - Installed day tank
 - Removed unused lime silo and installed receiving tank
 - Constructed solids dewatering pad
 - Installed double-walled transfer
 pipes from process area to FBR
 plant and solids dewatering area
 - Finalizing instrumentation and controls

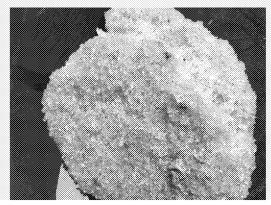


Phase 2 Progress

Pond Contents Transfer:

- > Initiated perchlorate process safety protocols
- Conducted in-pond circulation to reduce handling/pumping risk
- Safely completed transfer of pumpable sediment from the pond to the process tanks; removed excess debris from the pond
- Initiated sediment washing in process tanks to remove and dissolve perchlorate residuals







APAS PROJECTI STATUS

Phase 2 Progress

Abandoned Equipment:

- Developed removal and cleaning procedures and conducted Process
 Hazard Analysis; constructed wash down basin
- Removed, cleaned, and inspected over 90 items (original inventory was 39 items)
- Removed 10 drums of smaller unwashable debris







Next Steps

- Continue sediment washing
- Decant liquids for treatment
- Transfer decant to receiving tank
- > Treatment of decant in FBRs
- Pond closure
 - Processing of sand/gravel residuals
 - Liner removal
 - Berm characterization and removal

SNWA WEIR DEWATERING TREATMENT



SNWA WEIR DEWATERING TREATMENT

Project Status

- NDEP issued Weir Treatment Order on March 3, 2017
- > Incorporated SNWA design comments regarding 60% design
- Awaiting BOR and BWPC comments on 75% design
- BWPC finalizing Draft permit for public comment
- Initiated permitting process with Clark County and City of Henderson
- Negotiated access with Basic Environmental Company for centralized treatment plant and Sunrise Mountain pump station
- System readiness currently targeted for October 1, 2017

2017 STAKEHOLDER TECHNICAL ROUNDTABLES



TECHNICAL ROUNDTABLES

Upcoming Discussions

May

- Vacuum Enhanced Recovery Treatability Study
- Phase 3 Remedial Investigation

June

Las Vegas Wash Bioremediation Treatability Study

July

- Galleria Road Biobarrier Treatability Study
- Zero Valent Iron Treatability Study
- Unit 4 Bioremediation Treatability Study

COMMUNITY INVOLVEMENT UPDATE



COMMUNITY INVOLVEMENT UPDATE

Community Involvement

- Updated Fact Sheet
- Community mailing to be distributed in late May
- Revised Community Involvement Plan
- Community Meeting on June 21, 2017 (4:30 and 7:30 pm)

MWD QUESTIONS



MIND QUESTIONS

Topics

- Status of NERT RI Downgradient Study Area
- Status of the Phase III RI Work Plan
- NERT's Goals and Priorities for 2017
- Value Engineering evaluations
- Additional NERT and/or Le Petomane employee
- Significance of the VOCs found in soil during the RI Phase 2
- Operation and efficiency of the SWF IX system
- Gantt chart

Questions?

